

**COMBINED DECLARATION AND  
POWER OF ATTORNEY FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below adjacent to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **POLYIMIDE AS A MASK IN VAPOR HYDROGEN FLUORIDE ETCHING**, the specification of which:

is attached hereto;

was filed as United States Application Serial No. \_\_\_\_\_ on \_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable).

was filed as PCT International Application Number \_\_\_\_\_, on the \_\_\_\_\_ day of \_\_\_\_\_.

an English translation of which is filed herewith.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code § 119 of any foreign application(s) for patent or inventor's certificate or of any PCT

international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by us on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

**PRIOR FOREIGN/PCT APPLICATION(S)  
AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. § 119**

Country :

Application No. :

Date of Filing : :

Priority Claimed

Under 35 U.S.C. § 119 :  Yes  No

Country :

Application No. :

Date of Filing : :

Priority Claimed

Under 35 U.S.C. § 119 :  Yes  No

I hereby claim the benefit under Title 35, United States Code § 120 of any United States Application or PCT International Application designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of

Federal Regulations § 1.56 which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

**PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS  
DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. § 120**

**U.S. APPLICATIONS**

STATUS (Check One)  
Patented   Pending   Abandoned

Number :

[ ]      [ ]      [ ]

Filing Date :

**PCT APPLICATIONS  
DESIGNATING THE U.S.**

STATUS (Check One)  
Patented   Pending   Abandoned

PCT Number :

[ ]      [ ]      [ ]

PCT Filing Date :

U.S. Serial No. Assigned :

I hereby appoint the following attorney(s) and/or agents to prosecute the above-identified application and transact all business in the Patent and Trademark Office connected therewith:

Michael L. Lynch,	Reg. No. 30,871
Lia M. Pappas,	Reg. No. 34,095
W. Bryan Farney	Reg. No. 32,651
James B. Lampert,	Reg. No. 24,564
Wayne M. Kennard,	Reg. No. 30,271
Michael J. Bevilacqua,	Reg. No. 31,091
Hollie L. Baker	Reg. No. 31,321
Henry N. Wixon,	Reg. No. 32,073
Wayne A. Keown,	Reg. No. 33,923
James F. Kurkowski,	Reg. No. 35,923
Michael A. Diener,	Reg. No. 37,122
Donald R. Steinberg,	Reg. No. 37,241
Richard A. Goldenberg	Reg. No. 38,895

All correspondence should be sent to:

Wayne M. Kennard, Esq.  
Hale and Dorr  
60 State Street  
Boston, Massachusetts 02109

Telephone No.: (617) 526-6183  
Facsimile No.: (617) 526-5000

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of first inventor: Tianhong Zhang

Inventor's signature  Date 12/17/96

Citizenship: China

Residence and Postal Address: 1173 S. Dale Street, Boise, Idaho 83706 U.S.A.

Full name of second inventor: John K. Lee

Inventor's signature  Date 12-17-96

Citizenship: United States

Residence and Postal Address: 1065 E. Borzoi Street, Meridian, Idaho U.S.A.



MRN

REF

OMB No. 10011 (exp. 6/94)

76 Assignments

1996

To the Honorable Commissioner of Patents

03-03-1997

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

100364001

TRADEMARKS: Please record the attached original documents or copies thereof



## 1. Name of conveying party(ies):

Tianhong Zhang

John K. Lee

Additional name(s) of conveying party(ies) attached?  Yes  No

## 3. Nature of conveyance:

 Assignment Merger Security Agreement Change of Name Other \_\_\_\_\_

Execution Date: December 17, 1996

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: 12/17/96

## A. Patent Application No.(s)

## B. Patent No.(s) 71480 U.S. PTO



02/28/97

Additional numbers attached?  Yes  No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Wayne M. Kennard, Esq.

Internal Address: Hale and Dorr

Street Address: 60 State Street

City: Boston State: MA ZIP: 02109

## 6. Total number of applications and patents involved: 1

## 7. Total fee (37 CFR 3.41).....\$ 40.00

 Enclosed Authorized to be charged to deposit account*Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposit account.*

## 8. Deposit account number:

08-0219

(Attach duplicate copy of this page if paying by deposit account)

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## 9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Richard Goldenberg, Esq.

Name of Person Signing

Signature

December 23, 1996

Date

4

Total number of pages including cover sheet, attachments, and document:

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231



MC 58  
**UNITED STATES DEPARTMENT OF COMMERCE**  
**Patent and Trademark Office**  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

APRIL 23, 1997

PTAS

HALE AND DORR  
WAYNE M. KENNARD, ESQ.  
60 STATE STREET  
BOSTON, MA 02109



\*100364801A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 12/23/1996

REEL/FRAME: 8367/0856  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
ZHANG, TIANHONG

DOC DATE: 12/17/1996

ASSIGNOR:  
LEE, JOHN K.

DOC DATE: 12/17/1996

ASSIGNEE:  
MICRON DISPLAY TECHNOLOGY, INC.  
3000 SOUTH DENVER WAY  
BOISE, IDAHO 83705

SERIAL NUMBER: 08773272  
PATENT NUMBER:

FILING DATE: 12/23/1996  
ISSUE DATE:

TARA WASHINGTON, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

MC 58

## ASSIGNMENT

WHEREAS, we, **Tianhong Zhang**, a citizen of China, residing at 1173 S. Dale Street, Boise, Idaho 83706; and **John K. Lee**, a citizen of the United States, residing at 1065 E. Borzoi Street, Meridian, Idaho 83641 are the inventors of certain new and useful inventions and discoveries, for which we have made an application for Letters Patent entitled **POLYIMIDE AS A MASK IN VAPOR HYDROGEN FLUORIDE ETCHING**, a declaration for which I have executed on an even day herewith; and

WHEREAS, **Micron Display Technology, Inc.**, a corporation of Idaho, whose address is 3000 South Denver Way, Boise, Idaho 83705, and which, together with its successors and assigns is hereinafter called "ASSIGNEE," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

NOW, THEREFORE, for and in consideration of good and valuable consideration furnished by ASSIGNEE to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservations:

1. Assign, transfer, and convey to ASSIGNEE the entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part, and convention applications based in whole, or in part, upon said inventions or discoveries, or upon said applications, and any and all Letters Patents, reissues, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon, or arise from, said inventions, said discoveries, said applications, and said Letters Patent;

2. Authorize ASSIGNEE to file patent applications in any or all countries on any or all of said inventions and discoveries in our name or in the name of

ASSIGNEE or otherwise as ASSIGNEE may deem advisable, under International Conventions or otherwise;

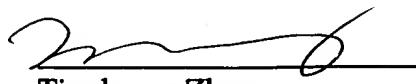
3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments throughout the world to issue or transfer all said Letters Patents to ASSIGNEE, as assignee of the entire right, title, and interest therein or otherwise as ASSIGNEE may direct;

4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents, or any license to use the same, or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to ASSIGNEE without encumbrance;

5. Bind our heirs, legal representatives, and assigns, as well as ourselves, to do, upon ASSIGNEE's request and at ASSIGNEE's expense, but without additional consideration to us or them, all acts reasonably serving to assure that said inventions and discoveries, said patent applications, and said Letters Patents shall be held and enjoyed by ASSIGNEE as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this Assignment had not been made; and particularly to execute and deliver to ASSIGNEE all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by ASSIGNEE; and to communicate to ASSIGNEE all facts known to us relating to said inventions and discoveries or the history thereof, and to testify as to the same in any court or proceeding; and to furnish ASSIGNEE any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives, or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal.

DATE: 12/17/96



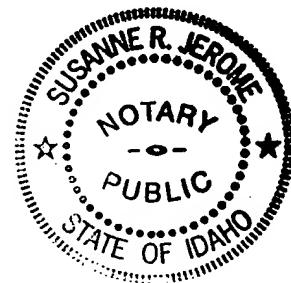
Tianhong Zhang

WITNESSED BY:

Susanne R. Jerome  
Name

MICRON TECHNOLOGY, INC.

Boise, Idaho 83706  
Address



DATE: 12-17-96

John K. Lee  
John K. Lee

WITNESSED BY:

Susanne R. Jerome  
Name

MICRON TECHNOLOGY, INC.

Boise, Idaho 83706  
Address

